



TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

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Office of Surveillance

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Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) October 2001  
(through week 44 ending November 3, 2001)

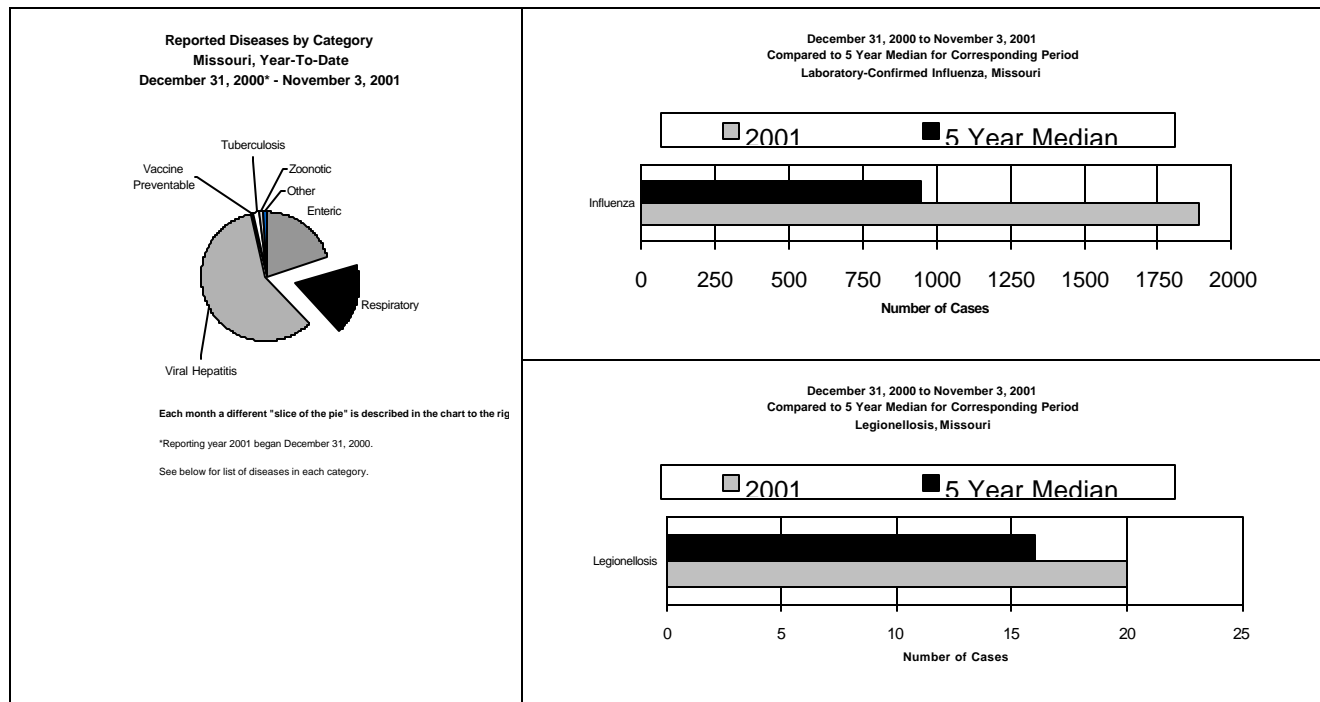
DATE: December 14, 2001

The Office of Surveillance and the Section of Communicable Disease Control and Veterinary Public Health publish a monthly update on selected reported communicable diseases. This information may also be found on the Missouri Department of Health and Senior Services homepage at [www.dhss.state.mo.us](http://www.dhss.state.mo.us) under Resources/Diseases Directory/Reports.

Educational literature may also be found at this web site in the Publications Section.

The after hours emergency number for the Missouri Department of Health and Senior Services is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health and Senior Services at (800) 392-0272.

## Monthly Communicable Disease Update, October, 2001 (Provisional Data)



### Reported Cases of Selected Diseases by Category

	2001	2001	2000	5 Year Median	% Change	Number of Cases, October 2001 by Health District						
	Oct	YTD	YTD	YTD	5 Year Median	CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases												
Campylobacteriosis	47	548	598	493	+	11.16%	7	19	2	6	4	9
Cryptosporidiosis	5	39	27	27	+	44.44%	0	0	0	2	0	3
E. coli O157:H7 #	8	53	98	52	+	1.92%	2	6	0	0	0	0
Giardiasis	77	642	693	649	-	1.08%	10	44	2	9	3	9
Listeria monocytogenes	2	8	4	7	+	14.29%	0	2	0	0	0	0
Salmonellosis	93	560	614	530	+	5.66%	5	45	5	18	10	8
Shigellosis	35	285	597	327	-	12.84%	7	12	2	10	4	0
Yersinia enterocolitica	0	12	12	11	+	9.09%	0	0	0	0	0	0
Respiratory												
Influenza (Lab Confirmed)	6	1887	2423	949	+	98.84%	3	3	0	0	0	0
Legionellosis	1	20	24	16	+	25.00%	0	0	0	1	0	0
Viral Hepatitis												
Hepatitis A	8	101	241	566	-	82.16%	0	1	0	5	1	1
Hepatitis B	9	104	122	205	-	49.27%	0	1	0	5	2	1
Hepatitis C (Acute)*	0	7	16	na	na	na	0	0	0	0	0	0
Hepatitis C (Other)*	576	5960	4289	na	na	na	71	206	9	153	43	74
Vaccine Preventable												
Mumps	1	1	4	3	-	66.67%	0	0	0	0	0	1
Pertussis	9	90	74	67	+	34.33%	1	7	0	0	1	0
Tuberculosis												
Tuberculosis Disease	8	113	159	159	-	28.93%	0	6	0	0	2	0
Zoonotic												
Ehrlichiosis	0	27	63	18	+	50.00%	0	0	0	0	0	0
Lyme Disease	3	26	45	45	-	42.22%	1	1	1	0	0	0
Rocky Mtn Spotted Fever	2	61	32	18	+	238.89%	2	0	0	0	0	0
Tularemia	2	20	26	13	+	53.85%	2	0	0	0	0	0
Other												
HIB Disease	0	13	19	7	+	85.71%	0	0	0	0	0	0
Malaria	1	12	15	13	-	7.69%	0	0	0	0	0	1
Meningococcal Disease	2	44	61	75	-	41.33%	2	0	0	0	0	0

\*Hepatitis C became reportable in 1997: it was previously included in Hepatitis Non A, Non B.

Hepatitis C (Other) represents positive tests (HCV EIA, RIBA, or PCR) but did not meet CDC's case definition for acute Hepatitis C.

Reportable diseases of very low incidence (<10 cases in previous year) are not included.

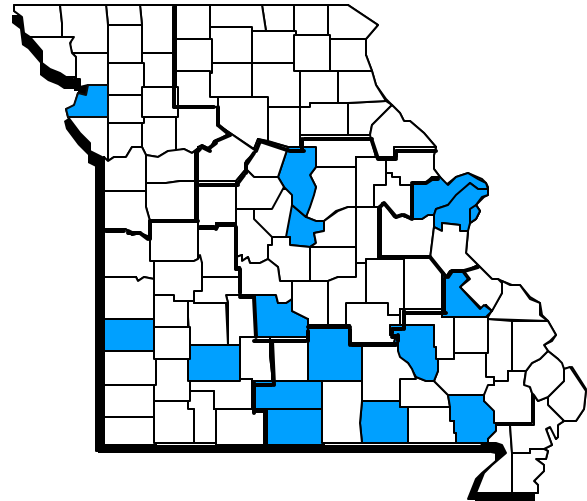
na=not divisible by zero

## Monthly Communicable Disease Update, October, 2001 (Provisional Data)

### Confirmed Rabies in Animals

Species	October		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	32	1	583	1
Cat	59	0	637	1
Bat	54	0	862	30
Skunk	7	1	47	5
Fox	1	0	18	1
Cow	0	0	28	0
Horse	0	0	6	1
Ferret	0	0	11	0
Raccoon	23	0	184	0
Rodent/Rabbit	26	0	154	0
Other Domestic	0	0	4	0
Other Wild	4	0	37	0
Exotic	0	0	1	0
Unknown	0	0	1	0
Total	206	2	2573	39

Confirmed Animal Rabies in Missouri  
By Health District  
December 31, 2000 - November 3, 2001



Correction: During July, a positive bat was reported in Dallas County. It has been determined that the exposure occurred in Laclede County.

Counties Under Rabies Alert: Greene

### Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health.

The Department of Health and Senior Services has developed an enhanced surveillance system to detect and initiate timely response to biological, chemical or radiological terrorism events. Recent implementation of the new High Alert Surveillance System (HASS) has replaced the Sentinel Active Surveillance System (SASS) reporting method in some counties. Future inclusion of HASS data is under consideration.

### 2000 Census Population by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
721,996	1,940,293	256,339	1,311,453	551,105	814,025